

**Remarks**

Claims 38 through 43 have been allowed. Claims 47 through 58 were objected to as being dependent or rejected (under 35 USC §102) base claim. Claim 47 has  
5 been amended to incorporate the irradiance sensor of dependent claim 48; as such claims 47 through 58 should be in a condition for allowance. The objections to claims 1, 25, 29, 44, 47, 59 and 60 have also been addressed by amendment to those claims. As such, claims 1 through 37, 44 through 46, and claims 59 and 60 should also be in a condition for allowance. No additional fees are believed to be in order.  
10 The Commissioner is hereby authorized to charge Deposit Account No. 01-0528 for the payment of any filing fees under 37 CFR §1.17 for the presentation of extra claims and charge any patent application processing fees under 37 CFR § 1.17. Any overpayment should be credited to the same deposit account. All of the issues raised by the Examiner have been addressed by the amendments to the claims and the  
15 remarks which follow.

**Other Citations**

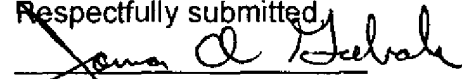
All of the art cited by the Examiner has been reviewed. None are believed to  
20 affect the patentability of the claims, whether those patents and publications are taken individually or in combination.

Another copy of published application EP1223431 was sent with this response. Earlier a copy was sent with Applicant's IDS which somehow became lost. A Lexis printout of the same published application was also sent with this response; it has an  
25 English language abstract that clearly shows it does not disclose or suggest the current invention to one of ordinary skilled in the art.

**PATENT APPLICATION**

The Examiner is respectfully requested to consider the amended claims. It is believed that upon such consideration the Examiner will find that all the claims are now in the condition for allowance. In the event that further discussion will advance the prosecution of the application, the Examiner is earnestly solicited to  
5 telephone the undersigned at the telephone number indicated below.

Respectfully submitted,



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